(b) The Government propose to upgrade Indira Gandhi Rashtriya Uran Academi, Rai Bareli at an estimated cost of Rs. 57 crores, approximately. This includes induction of single engine and multi engine aircraft, rebuilding of helicopters, modernisation of runway, construction of additional building for hostel, hangar and office and acquisition of the adjacent Sultanpur airfield. the upgradation would increase its output from 40 trainees per year to 100 trainees per year.

(c) Yes, Sir.

(d) and (e) The new institute is proposed to be set up at Gondia in Maharashtra. Final decision on the structure of the proposed institute is yet to be taken.

"Air Misses"

198. SHRI T.T.V. DHINAKARAN: Will the Minister of CIVIL AVIATION be pleased to state:

(a) the number of "air miss" reported during the last three years, year-wise;

(b) the details of aircrafts and airways involved in each of the air misses;

(c) the reasons for each air miss; and

(d) the steps taken to avoid recurrence of air miss in the future?

THE MINISTER OF STATE OF THE MINISTRY OF CIVIL AVIATION (SHRI PRAFUL PATEL): Air miss incidents are categorised as 'risk of collision', 'safety not assured' and 'no risk of collision/risk not determined'. 13 air miss incidents were reported in the year 2003, 15 in 2004 and 21 in 2005, out of which there was no incident under the category 'risk of collision' in 2003 and there was one incident in 2004 and two in 2005 in this category.

(b) and (c) A Statement is enclosed (*See* below)

(d) In order to enhance safety of aircraft operations and avoiding air miss incidents Directorate General of Civil Aviaition (DGCA) has issued Civil Aviation Requirements, making installation of Airborne Collision Avoidance System (ACAS) and Mode "S" transponder on aircraft mandatory. Apart from this, Airports Authority of India (AAI) have installed Automatic Dependant Surveilliance and Controller Pilot Data Link

Communication (CPDLC) at Delhi and Mumbai airports. Refresher courses and proficiency checks for controllers are being carried out annually. DGCA has also advised AAI to ensure strict compliance of Air Traffic Control procedures and instructions.

Statement

Air miss Incidents

Air miss incidents during 2003

Sl. No.	Date	Aircraft involved	Operator/Airways	Reasons
1.	04.02.2003	MAS 11 & THA-318	Malaysian Air & Thai-Air-	Air Traffic Control error
2.	17.02.2003	IAC-439 & EVA-672	Indian Airlines & Eva Airlines	Radar & Air Traffic Control error
3.	15.04.2003	AEW-172 & QFA-31	Qantas Air & Aerosvit airlines	Yangoon Air Traffic Control error
4.	31.05.2003	IAC-974, Airbus GFA-142 Boeing	Indian Airlines & Gulf Air	Air Traffic Control error
5.	05.05.2003	TUA-555 & VUBCH	Indian Airforce & Turkmenistan Airlines	IAF Air Traffic Control error
6.	20.06.2003	UAE-383 & SIA-352	Emirates Airlines & Singapore Airlines	Radar (Equipment) & Air Traffic Control error
7.	13.03.2003	VTRLB & NAVY-439	Million Air & Indian Navy	Pilot error
8.	10.04.2003	ASY-402 & GTI- 8975	Atlas Air & Royal Australian Air Force.	Yangoon Air Traffic Control error
9.	15.07.2003	JAI603 & H/C-391	Jet Airways & Indian Airforce helicopter	IAF Air Traffic Control error
10.	19.07.2003	EVA62 & SIA317	Eva Air & Singapore Airlines	Air Traffic Control error
11.	29.09.2003	SAA287 & UAE 347	Emirates Airlines & South African Airways	Air Traffic Control error
12.	07.10.2003	IAC882 & PIA-213	Indian Airlines & Pakistan Airlines	Muscut Air Traffic Control error
13.	09.11.2003	UAE559 & KQA230	Emirates Airline & Kenyan Airlines	Air Traffic Control error

Air miss incidents during 2004.

Sl. No.	Date	Aircraft involved	Operator/Airways	Reasons
1.	04.02.2004	MAS 7365 & UAE-347	Malaysian Air & Emirates Airlines	Air Traffic Control error
2.	12.08.2004	DKN-303 &Jai-406	Deccan Airways & Jet Airways	Pilot error
3.	19.08.2004	SVA-0749	Saudi Air	Could not be established
4.	14.09.2004	THA-316 & BAW-10	Thai Air & British Airways	Air Traffic Control error
5.	15.09.2004	AIC-815 & QTR- 251	Air India & Qatar Airways	Could not be established
6.	23.09.2004	JAI-312 & JAI-371	Jet Airways & Jet Airways	Equipment/System deficiency & Heavy workload on Air Traffic Control Unit
7.	24.11.2004	AFL-565 & SIA 411	Aeroflot Singapore Airlines	Air Traffic Control error
8.	10.11.2004	VAP-618 & SIA-352	Phuket Airways & Singapore Airlines	Yangoon air Traffic Control error
9.	29.12.2004	PIA-270 & JAI-605	Pakistan Airlines & Jet Airways	Pakistan Air Traffic Control error
10.	18.02.2004	QTR-612	Qatar Airways	Could not be established
11.	11.06.2004	GFA458 & EVA-671	Gulf Air & Eva Air	Air Traffic Control error
12.	15.07.2004	RJA194 & OMA827	Royal Jordanian & Oman Airlines	Air Traffic Control error
13.	12.11.2004	MAS-20&BBC049	Malaysian Airlines Bangladesh Biman	Air Traffic Control error
14.	05.12.2004	SVA-748 & DLH-8418	Saudi Airlines & Lufthansa Airlines	Air Traffic Control error
15.	18.09.2004	PIA-266	Pakistan Airlines	Air Traffic Control error

Air miss incident during 2005.

Sl. No.	Date	Aircraft involved	Operator/Airways	Reasons
1	2	3	4	5
1.	23.01.2005	AIC348 & Trishul Formation Sukhoi	Air India & Indian Airforce	IAF Pilot error
2.	12.03.2005	JAI 424 & UAE502	Jet Airways & Emirates Airlines	Air Traffic Control error
3.	17.06.2005	IAC-294 & BAW-3464	Indian Airlines & British Airways	Air Traffic Control error
4.	20.09.2005	IAC-688 & JAI-412	Indian Airlines & Jet Airways	Air Traffic Control error
5.	25.04.2005	HVN533 & MAS-16	Vietnam Airlines & Malaysian Airways	Air Traffic Control error
6.	06.05.2005	THAI-505 & SIA-447	Thai Airways & Singapore Airways	Air Traffic Control error
7.	23.05.2005	UAE418 &CFTMS	Emirates Airlines & Non Scheduled	Relates to Dubai Authorities
8.	07.02.2005	ALK176 & GIA-1308	Srilankan Airways & Indonesia Airlines	Air Traffic Control error
9.	21.04.2005	DLH783 & QFA05	Lufthansa Airlines & Quantas Airways	Air Traffic Control error
10.	06.01.2005	Helicopter VT-MML & SAH-305	Helicopter VT-MML of Raymond & Sahara Airways	Pilot error
11.	01.03.2005	VAP-818 & DLH-744	Phuket Airways & Lufthansa Airlines	Air Traffic Control error
12.	12.02.2005	IAC-610 & JAI-461	Indian airlines & Jet Airlines	Air Traffic Control error
13.	24.02.2005	AIC-663 & UAE-3545	Air India & Emirates Airlines	Air Traffic Control error
14.	11.10.2005	AIC-631 & JAI-333	Air India & Jet Airways	Could not be established till date

1	2	3	4	5
15.	18.10.2005	IAC-617 & VT-EUM	Indian Airlines & Jagson Airlines	Pilot error
16.	15.11.2005	JAI-826 & QTR-343	Jet Airways & Qatar Airways	Could not be established till date
17.	22.11.2005	LLR-7891 & JAI-617	Alliance Air & Jet Airways	IAF Air Traffic Control error
18.	30.11.2005	SAH-6235 & EVA-67	Sahara Airlines & Eva Airways	Could not be established till date
19.	01.12.2005	IAC-230 & JAI-617	Indian Airlines & Jet Airways	IAF Air Traffic Control error
20.	04.12.2005	UAE-504 & GEC-8443	Emirates Airways & Lufthansa Cargo	Could not be established till date
21.	15.11.2005	JAI-328 & H/c VZG	Jet Airways & Global Vectodr (Helicopter)	Pilot error

Cost escalation in modernisation of airports

199. SHRI C. RAMACHANDRAIAH: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether Government have accepted the tenders of private companies for the modernisation of Delhi and Mumbai Airports,

(b) if so, whether some private companies have demanded certain changes in terms and conditions of the tenders,

(c) whether a few companies have withdrawn their names for not making any modification in terms and conditions of the tenders;

(d) if so, the details thereof alongwith the reasons therefor;

(e) whether any assessment has been made regarding cost escalation caused by the delay; and

(f) if so, the details in this regard?